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TECH CENTER 1600/2900

SEQUENCE LISTING

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<120> NUCLEOTIDE SEQUENCES CODING FOR THE lysR1 GENE

<130> 203979US

<140> 09/903,770

<141> 2001-07-13

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<170> PatentIn version 3.1

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<212> DNA

<213> Corynebacterium glutamicum

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attgccaaag aaacctttaa ggactagatc gaaaaacagc caactatagt taagtaatac      180
tgaacaattt tggaggtgtc gtg ctc aat ctc aac cgc tta cac atc ctg cag      233
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                        1             5             10

gaa ttc cac cgc ctg gga acg att aca gca gtg gcg gaa tcc atg aac      281
Glu Phe His Arg Leu Gly Thr Ile Thr Ala Val Ala Glu Ser Met Asn
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tac agc cgc tct gcc atc tcc caa caa atg gcg ctg ctg gaa aaa gaa      329
Tyr Ser Arg Ser Ala Ile Ser Gln Gln Met Ala Leu Leu Glu Lys Glu
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att ggt gtg aaa ctc ttt gaa aaa agc ggc cga aac ctc tac ttc aca      377
Ile Gly Val Lys Leu Phe Glu Lys Ser Gly Arg Asn Leu Tyr Phe Thr
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gaa caa ggc gaa gtg ttg gcc tca gaa aca cat gcg atc atg gca gca      425
Glu Gln Gly Glu Val Leu Ala Ser Glu Thr His Ala Ile Met Ala Ala
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gtc gac cat gcc cgc gca gcc gtt cta gat tcg ctg tct gaa gtg tcc      473
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Gly	Thr	Leu	Lys	Val	Thr	Ser	Phe	Gln	Ser	Leu	Leu	Phe	Thr	Leu	Ala		
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Arg	Arg	Val	Asp	Val	Ala	Leu	Gly	Glu	Glu	Tyr	Pro	Val	Glu	Val	Pro		
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Phe Glu Lys Ser Gly Arg Asn Leu Tyr Phe Thr Glu Gln Gly Glu Val
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Leu Ala Ser Glu Thr His Ala Ile Met Ala Ala Val Asp His Ala Arg
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Ala Ala Val Leu Asp Ser Leu Ser Glu Val Ser Gly Thr Leu Lys Val
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Thr Ser Phe Gln Ser Leu Leu Phe Thr Leu Ala Pro Lys Ala Ile Ala
100 105 110

Arg Leu Thr Glu Lys Tyr Pro His Leu Gln Val Glu Ile Ser Gln Leu
115 120 125

Glu Val Thr Ala Ala Leu Glu Glu Leu Arg Ala Arg Arg Val Asp Val
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Ala Leu Gly Glu Glu Tyr Pro Val Glu Val Pro Leu Val Glu Ala Ser
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Ile His Arg Glu Val Leu Phe Glu Asp Pro Met Leu Leu Val Thr Pro

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170

175

Ala Ser Gly Pro Tyr Ser Gly Leu Thr Leu Pro Glu Leu Arg Asp Ile
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Pro Ile Ala Ile Asp Pro Pro Asp Leu Pro Ala Gly Glu Trp Val His
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Arg Leu Cys Arg Arg Ala Gly Phe Glu Pro Arg Val Thr Phe Glu Thr
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Ser Asp Pro Met Leu Gln Ala His Leu Val Arg Ser Gly Leu Ala Val
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Thr Phe Ser Pro Thr Leu Leu Thr Pro Met Leu Glu Ser Val His Ile
 245 250 255

Gln Pro Leu Pro Gly Asn Pro Thr Arg Thr Leu Tyr Thr Ala Val Arg
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 gcccgccgcg tcgacgtcgc actcggcgag gaataccccg tggaagtccc ccttggtgag 180
 gccagcattc accgcgaagt cctcttcgaa gaccccatgc tgctcgtcac ccagcaagc 240
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